I CLAIM:

1. A low carbohydrate sweetener comprising the following ingredients in wt. %

Ingredient Range

Lo Han Kuo Extract	16.3 – 18.4, say about 17.4
Sucralose Liquid	83.7- 81.6, say about 82.6

- 2. The sweetener of claim 1, wherein said Lo Han Kuo Extract is provided as a powder comprising at least 80 wt. % of Mogroside made from Momodica fruit, and said Sucralose Liquid is an aqueous solution comprising about 24.5 to 25.6 wt % of Sucralose powder, and said Sucralose has the chemical formula of C₁₂ H₁₉ O₈ Cl₃.
- The sweetener of claim 1 for providing the sweeting of a product selected from the group consisting of ice-cream, baked goods, candy, and beverages.
- 4. A low carbohydrate unflavored basic ice-cream composition comprising the following ingredients in wt. %:

Ingredients	Range	Best Mode
Lo Han Kuo Extract	0.014 - 0.018	0.016
Sucralose Liquid	0.072 - 0.080	0.076
CC305	0.200 - 0.270	0.235
Glycerin	0.900 - 1.100	1.000
Polydextrose	9.000 - 10.050	9.525
Whey Protein Concentrate	1.550 - 1.620	1.585
Egg Yolk Solids	2.000 - 3.500	2.750
Non Fat Dry milk Solids	2.800 - 3.200	3,000
Cream and Skim Milk	83.464 – 80.162	81.813

- 5. The ice cream composition of claim 4, containing flavoring in the amount of about 4.8 to 22.4 ml per liter of ice cream.
- 6. The ice cream composition of claim 4, containing Almond flavoring in the amount of 4.8 to 5.8 ml. per liter of ice cream.
- 7. The ice cream composition of claim 4, containing Coffee flavoring in the amount of 19.0 to 20.0 ml per liter of ice cream.
- 8. The ice cream composition of claim 4, containing chocolate in the amount of about 23.0 to 23.5 grams of cocoa powder per liter of ice cream.
- 9. The ice cream composition of Claim 4, wherein said Cream and Skim Milk provide a total butterfat content in the amount of 8.0 to 9.5 wt. %, said Cream is present in the amount of about 26.73 to 15.30 wt. %, and said Skim Milk is present in the amount of about 56.73 to 64.86 wt. %.
- 10. The ice cream product of claim 4, containing Vanilla Extract in the amount of 19.8 to 22.4 ml per liter of ice cream.
- 11. The ice cream composition of Claim 4 having an overrun in the range of about 80 to 110 volume %.
- 12. The ice cream composition of claim 4 having a Total Carbohydrate content of less than 16.1 wt.%, and a calorie content of less than 1.8 calories per gram.

13. The ice cream product of Claim 4 having a Glycemic Index of less than 34.

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- 14. The process of making low carbohydrate unflavored ice cream comprising:
 - 1) introducing into Skim Milk at a temperature in the range of about 31.1 to 48.9 °C. the following ingredients to produce a basic ice cream mix: Whey Protein Concentrate, Nonfat Dry Milk Solids, Egg Yolk Solids, Polydextrose, Glycerin, CC305, Lo Han Kuo Extract and Sucralose Liquid, and Cream ,wherein said Lo Han Kuo Extract is a Mogroside sweetener made from Momordica fruit and is provided as powdered extract comprising at least 80 wt. % Mogroside and in the amount of about 0.014 to 0.018 wt %, and the Sucralose in said Sucralose Liquid has the chemical formula of C₁₂ H₁₉ O₈ Cl₃, and said Sucralose Liquid is provided in the amount of about 0.072 to 0.080 wt %, and said CC305 stabilizer comprises a mixture of Carragenan, Guar Gum and Locust Bean Gum and is provided in the amount of about 0.230 to 0.270 wt %;
 - 2) pasteurizing the basic ice cream mix from (1) at a temperature of about 82.3 deg. C. for 60 80 seconds;
 - 3) homogenizing the pasteurized ice cream mix from (2) in two stages within 8-12 seconds, wherein the first stage takes place at a temperature in the range of about 46.1 to 51.7° C. and a pressure in the range of about 33.3 to 36.8 kg per square cm and the second stage takes place at a temperature in the range of about 46.1 to 51.7° C. and a pressure in the range of about 86.50 to 95.60 kg per square cm.;



(Continuation of Claim 14)

- 4) holding the homogenized ice cream mix from (3) at a temperature in the range of about 4.4 to 7.2 °C. at atmospheric pressure for about 12 to 48 hours: and,
- 5) cooling the ice cream mix from (4) to a temperature in the range of about -3.3 to -1.1 °C. while aerating and whipping, thereby producing ice-cream with a volume increase in the range of about 80-110 % greater than the volume of said basic ice cream mix from step (4).
- 15. The process of claim 14 provided with the step of mixing a flavor other than chocolate with the homogenized ice cream from step (3), or alternatively for chocolate flavor, mixing cocoa powder with the basic ice cream mix from step (1)
- 16. The Sucralose Liquid in claims 1, 4, and 14 buffered to a pH of about 4.4 and containing a preservative.
- 17. A low carbohydrate unflavored basic ice cream composition comprising the following ingredients in wt. %;

Ingredients	Range	Best Mode
Lo Han Kuo Extract	0.014 - 0.018	0.016
Sucralose Powder	0.018 - 0.020	0.019
CC 305	0.200 - 0.270	0.235
Glycerin Glycerin	0.900 - 1.100	1.00 Landing and the first of t
Polydextrose	9.059 - 10.110	9.582
Whey Protien Concentrate	1.550 – 1.620	1.585
Egg Yolk Solids	2.000 - 3.500	2.750
Non Fat Dry Milk Solids	2.800 -3.200	3.000
Cream and Skim Milk	83.464 - 80.162	81.813
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- 18. The ice cream composition of claim 17 containing flavoring in the amount of about 4.8 to 22.4 ml per liter of basic ice cream mix..
- 19. The ice cream composition of claim 17 wherein said Cream and Skim Milk provide a total butterfat content in the amount of 8.0 to 9.5 wt. %, said Cream is present in the amount of about 26.73 to 15.30 wt.%, and said Skim Milk is present in the amount of about 56.73 to 64.86 wt. %.
- 20. The ice cream composition of claim 17 having a Total Carbohydrate content of less than 16.1 wt. %, a calorie content of less than 1.8 calories per gram, and a Glycemic Index of less than 34.
- 21. A low carbohydrate powdered sweetener comprising the following ingredients in wt. %;

	Ingredient	Range	Best Mode	
	Lo Han Kuo Extract	45.6 – 45.8	45.7	
Ì	Sucralose Powder	54.4 – 54.2	54.3	

wherein said Lo Han Kuo Extract is provided as a powder comprising at least 80 wt.% of Mogracide made from Momodica fruit and said Sucralose Powder comprises 99.9 wt. % of Sucralose having the chemical formula of C!₁₂ H₁₉ O₈ Cl₃

- 22. The sweetener of claim 21 for the sweetening of a product selected from the group consisting of ice cream, baked goods, candy, and beverages.
- 23. A cane sugar-free sweetener comprising the following in wt. %:

Ingredient	Range	Best Mode	
Lo Han Kuo Extract	2.74 - 1.83	2.29	
Sucralose Powder	3.26 - 2.17	2.71	
Polydextrose	9400 – 96.00	95.00	

- 24. The sweetener of claim 23 wherein said Lo Han Quo extract is a powder comprising at least 80 wt. % Mograside made from Momordica fruit, and said Sucralose Powder comprises 99.9 wt. % of Sucralose micronized powder having the chemical formula C₁₂H₁₉ O₈ Cl₃.
- 25. The sweetener of claim 23 for sweetening beverages.
- 26. The process of making low carbohydrate unflavored ice cream comprising:
 - 1) introducing into Skim Milk at a temperature in the range of about 31.1 to 48.9 °C. the following ingredients to produce a basic ice cream mix: Whey Protein Concentrate, Nonfat Dry Milk Solids, Egg Yolk Solids, Polydextrose, Glycerin, CC305, Lo Han Kuo Extract and Sucralose Powder, and Cream ,wherein said Lo Han Kuo Extract is a Mogroside sweetener made from Momordica fruit and is provided as powdered extract comprising at least 80 wt. % Mogroside and in the amount of about 0.014 to 0.018 wt %, and the Sucralose Powder comprises 99.9 wt. % Sucralose having the chemical formula of C₁₂ H₁₉ O₈ Cl₃ and is provided in the amount of about 0.072 to 0.080 wt %, and said CC305 stabilizer comprises a mixture of Carragenan, Guar Gum and Locust Bean Gum and is provided in the amount of about 0.230 to 0.270 wt %;
 - 2) pasteurizing the basic ice cream mix from (1) at a temperature of about 82.3 deg. C. for 60 80 seconds;
 - 3) homogenizing the pasteurized ice cream mix from (2) in two stages within 8-12 seconds, wherein the first stage takes place at a temperature in the range of about 46.1 to 51.7° C. and a pressure in the range of about 33.3 to 36.8 kg per square cm and the second stage takes place at a temperature in the range of about 46.1 to 51.7° C. and a pressure in the range of about 86.50 to 95.60 kg per square cm.;

(Continuation of Claim 26)

- 4) holding the homogenized ice cream mix from (3) at a temperature in the range of about 4.4 to 7.2 °C. at atmospheric pressure for about 12 to 48 hours: and,
- 5) cooling the ice cream mix from (4) to a temperature in the range of about -3.3 to -1.1 °C. while aerating and whipping, thereby producing ice-cream with a volume increase in the range of about 80-110 % greater than the volume of said basic ice cream mix from step (4).
- 27. The ice cream composition of claim 26 containing flavoring in the amount of about 4.8 to 22.4 ml per liter of basic ice cream mix..
- The ice cream composition of claim 26 wherein said Cream and Skim Milk provide a total butterfat content in the amount of 8.0 to 9.5 wt. %, said Cream is present in the amount of about 26.73 to 15.30 wt.%, and said Skim Milk is present in the amount of about 56.73 to 64.86 wt. %.
- 29. The ice cream composition of claim 26 having a Total Carbohydrate content of less than 16.1 wt. %, a calorie content of less than 1.8 calories per gram, and a Glycemic Index of less than 34.

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